



COUNTY OF LOS ANGELES
Public Health

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July 26, 2007

TO: Each Supervisor

FROM: Jonathan Fielding, M.D. 
Director and Health Officer

SUBJECT: **NOTICE OF INTENT TO EXTEND EXISTING INFORMATION
TECHNOLOGY SUPPORT SERVICES MASTER AGREEMENT (ITSSMA)
WORK ORDERS N04-0378, N04-0406, N10-0122 WITH CAL2CAL
CORPORATION**

This is to advise you of my intent to request the Internal Services Department (ISD) to amend three current ITSSMA Work Order Nos. N04-0378, N04-0406, and N10-0122 with CAL2CAL, to extend these Work Orders to August 30, 2008 and to increase the Work Order amounts by a total of \$464,525 to bring the grand total of the three Work Orders to \$1,663,654.00 as shown on the attached chart. In accordance with ITSSMA guidelines, prior Board notice is required for projects that will exceed \$300,000.

Your Board was previously advised of these bioterrorism projects in memos dated August 13, 2003 and August 30, 2004.

This extension is to continue to obtain technically skilled contractual staff for the Department of Public Health (DPH) in order to continue several critical technology initiatives related to bioterrorism preparedness and response efforts within the jurisdiction including data exchange efforts, integration of web-based applications, and enhancements to core elements of the Public Health Information Network service-oriented architecture.

BACKGROUND

In response to funding awarded by the Centers for Disease Control and Prevention (CDC), the DPH Bioterrorism Preparedness and Response Program initiated efforts to develop and implement information systems to support an effective response to bioterrorism or other types of public health emergencies. DPH has utilized ITSSMA to augment its technical resources and to help the Department meet its critical Information Technology (IT) needs.

In addition to providing critical support for technical design and implementation activities related to bioterrorism preparedness and response, these contractors assist with critical application development activities, conduct detailed systems analysis, and provide technical solutions essential for the development of an integrated web-based platform for Public Health and the Public Health Information Network (PHIN).

SCOPE OF WORK

The projects supported by these ITSSMA contractors are critical to bioterrorism preparedness and response efforts administered by the Department. Under the direction of the County Project Managers, contracted staff will continue to supplement the Department's technical resources on a time and materials basis on the following projects. The Scope of Work consists of the following:

- Healthcare Electronic Data Exchange (HEDEX) – Assist with the implementation and deployment of standard HL7 inbound and outbound message processes to enhance data exchange capabilities with Public Health partners.
- PHIN Platform and System Development: Assist with design, staging, and integration of individual Public Health system applications into the PHIN integrated platform.
- Public Health Data Mart and Operational Data Store (Integrated Transactional Database): Assist with the construction of ODS data import capabilities and DataMart ETL (Extract, Transform, and Load) processes to incorporate data coming from the HEDEX interface engine.
- PHIN Application Programming Interface (API): Assist in the construction of processes, tools, and procedures to allow external systems to connect and message to the BT- PHIN architecture.
- Public Health Knowledge Management System: Assist in the design, enhancement, and implementation of updated versions of the Knowledge Management System and integration of relevant code sets
- Business Intelligence and Geographic Information Systems: Continue to support efforts to expand use of the County Enterprise Cognos business intelligence toolset and Enterprise GIS platform in order to extend data analysis, reporting, and visualization capabilities within Public Health.
- Public Health Dashboard: Assist in efforts to enhance and expand Dashboard application to support situational awareness of critical public health outcomes and performance measures

Continuation of these projects is essential to maintain the integrity of the Department's IT infrastructure and to ensure compliance with CDC bioterrorism preparedness and response grant requirements, critical State and Federal reporting, as well as facilitating development of detailed architectural systems design, ensuring interoperability of key systems, and to ensure efficient and effective response to public health emergencies.

These projects conform to the Department's Business Automation Plan, as required by the Chief Information Officer.

JUSTIFICATION

Due to the importance, scope, and complexity of this project, it is critical that DPH obtain the services of individuals with the requisite technical expertise and experience. The services requested are temporary in nature and will be terminated upon conclusion of these projects.

These consultants perform highly specialized and technical functions, and some have extensive knowledge of systems within DPH including those related to the PHIN initiative and bioterrorism preparedness and response activities. They have acquired detailed knowledge of our technical infrastructure, have an understanding of our business process and procedures, and are experienced with the Department's data systems and applications. Continued use of consultants will allow the Department to maintain the level of IT expertise needed to accomplish the required IT projects.

Failure to continue these technical services could significantly delay critical IT initiatives, introduce risk, and result in a loss of federal funding available for this purpose.

FISCAL IMPACT

The consultant's hourly rates will remain the same and the additional amount of the Work Orders for the extended period totals \$464,525 of which 100% will be provided by CDC Cooperative Agreement U90/CCU917012-06 for Public Health Preparedness and Response for Bioterrorism grant period ending August 30, 2008. There are no net County costs associated with these activities. Funding is included in the FY 2007-08 Adopted Budget.

NOTIFICATION TIMELINE

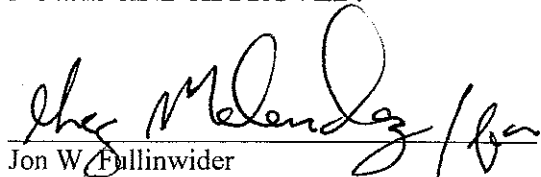
Consistent with ITSSMA policies and procedures, we are informing your Board of our intention to increase the maximum amount of these three Work Orders and in two weeks time we will instruct ISD to proceed with the amendments.

If you have any questions or require additional information, please let me know.

JEF:gc

c: Chief Executive Officer
County Counsel
Executive Officer, Board of Supervisors
Chief Information Officer
Director, Internal Services Department

NOTED AND APPROVED:


Jon W. Fullinwider
Chief Information Officer

7/31/2007
Date

**PUBLIC HEALTH INFORMATION SYSTEMS DIVISION
ENTERPRISE SYSTEMS INTEGRATION
INFORMATION TECHNOLOGY SUPPORT SERVICES MASTER AGREEMENT WORK ORDERS**

CURRENT PROJECTS							
Work Order No.	Project Name	ITSSMA Consultant	Current Work Order Term	Current Work Order Project Amount	Proposed Work Order Extension	Increased Work Order Amount	Total Project Amount
N04-0378	BT IT Technical Lead	CAL2CAL (Debashish Mittra)	12/24/03-09/03/07	\$628,450.00	09/30/07-08/30/08	\$195,625.00	\$824,075.00
N04-0406	BT IT Data Architect-Data Modeler	CAL2CAL (AbdulMalik Shakir)	12/24/03-09/03/07	\$426,429.00	09/30/07-08/30/08	\$175,000.00	\$601,429.00
N10-0122	BT IT Junior Programmer	CAL2CAL (Adhiraj Ghoshal)	02/07/05-09/03/07	\$144,250.00	09/30/07-08/30/08	\$93,900.00	\$238,150.00
				\$1,199,129.00		\$464,525.00	\$1,663,654.00

*Money may be shifted among the Work Orders, but in no event will the grand total of the Work Orders be exceeded